

**AQUEOUS ADHESIVE DISPERSIONS**

**ABSTRACT OF THE DISCLOSURE**

Aqueous polymer dispersions based on polychloroprene, a process for their preparation and their use in adhesive formulations. The aqueous polymer dispersion is obtained by

- a) preparing an aqueous polychloroprene dispersion with a gel content of 0.1 wt.% - 30 wt.%, based on the polymer, prepared by polymerization at 0°C - 70°C of chloroprene and, optionally, ethylenically unsaturated monomers which can be copolymerized with chloroprene and
- b) subsequently storing the dispersion at temperatures of from 50°C - 110°C until the gel content has risen by at least 10 wt.% to 1 - 60 wt.%, based on the polymer.